

IN THE CLAIMS:

1. (Currently Amended) An oscillating ~~Oscillating~~ weight for an automatic watch, arranged to carry a bearing (12) defining an axis of rotation (~~A-A~~) and intended to be mounted on the frame of the watch, including a mass member having a ~~centre~~ center of gravity (G) shifted with respect to the axis of rotation, ~~characterized in that~~ said member ~~includes~~ comprising:

two parts that can be moved one (~~10, 18, 32~~) in relation to the other (~~24, 34~~), and arranged such that their relative movement causes a radial movement of the ~~centre~~ center of gravity (G) of the mass member, and

a securing device (~~13, 14, 16b, 44, 46, 48, 54, 56~~) cooperating with the first and second parts, capable of occupying a first state in which said parts can be moved with reference to each other, and a second state in which said parts are rigidly secured to each other.

2. (Currently Amended) An oscillating ~~Oscillating~~ weight according to claim 1, ~~characterized in that~~ wherein said first part includes a plate (~~10~~) arranged for carrying said bearing (12) and a sector of inertia (~~18~~) rigidly fixed to the plate (~~10~~).

3. (Currently Amended) An oscillating ~~Oscillating~~ weight according to claim 3, ~~characterized in that~~ wherein said second part is formed of at least one inertia block (~~24~~) pivotably mounted on said sector (~~18~~) and in that said securing device includes indexing means (~~22~~) arranged for positioning said inertia block in a finite number of predefined positions in

5 which said device holds said inertia block when said device is in its second state, whereas said device allows passage from one of these positions to another when said device is in its first state.

4. (Currently Amended) An oscillating ~~Oscillating~~ weight according to claim 3, ~~characterized in that~~ wherein the second part includes two inertia blocks (24).

5 5. (Currently Amended) An oscillating ~~Oscillating~~ weight according to claim 4, ~~characterized in that~~ wherein one of the inertia blocks (24) can occupy a finite number n of positions, defined such that the passage from one of the positions to another generates a radial movement of the ~~centre~~ center of gravity (G) of a value ΔG , and in that said second inertia block (24) is arranged so as to be able to occupy a number m of positions where the passage from one position to another generates a radial movement of the ~~centre~~ center of gravity of a value Δg , said inertia blocks (24) being arranged so that the product $m \cdot \Delta g$ is substantially equal to ΔG .

5 6. (Currently Amended) An oscillating ~~Oscillating~~ weight according to claim 2, ~~characterized in that~~ wherein said second part (34) also includes a plate (40) and a sector of inertia (42), disposed respectively side by side with the plate (36) and the sector (38) of the first part (32), and in that the securing device is arranged to allow, in its first state, a relative angular movement of the second part (34) with reference to the first part (32) by rotation about said

axis (~~A-A~~).

7. (New) An oscillating weight for an automatic watch, the weight comprising a mass element with a bearing portion defining an axis of rotation and a remaining mass portion defining an outer radial extent, the mass element having a center of gravity shifted radially outwardly with respect to the axis of rotation, the mass element comprising:

5 a first part;

a second part movable relative to the first part and arranged such that the relative movement causes a radial movement of the center of gravity of the mass element; and

a securing device cooperating with the first part and second part, said securing device occupying a first state in which said second part can be moved with reference to said first part
10 and a second state in which said second part is rigidly secured to said first part.

8. (New) An oscillating weight according to claim 7, wherein said first part includes a plate arranged for carrying said bearing portion and a sector of inertia rigidly fixed to the plate.

9. (New) An oscillating weight according to claim 8, wherein said second part is formed of at least one inertia block pivotably mounted on said sector of inertia; and said securing device includes indexing means arranged for positioning said inertia block in a finite number of predefined positions in which said device holds said inertia block when said device is in its
5 second state, whereas said device allows said second part to be moved with reference to said

first part from one of these positions to another when said device is in said first state.

10. (New) An oscillating weight according to claim 8, wherein said second part includes two inertia blocks.

11. (New) An oscillating weight according to claim 10, wherein one of the inertia blocks can occupy a finite number n of positions, defined such that the passage from one of the positions to another generates a radial movement of the center of gravity of a value ΔG , and in that said second inertia block is arranged so as to be able to occupy a number m of positions where the passage from one position to another generates a radial movement of the center of gravity of a value Δg , said inertia blocks being arranged so that the product $m.Dg$ is substantially equal to ΔG .

12. (New) An oscillating weight according to claim 8, wherein said second part also includes a plate and a sector of inertia, disposed respectively side by side with the plate and the sector of the first part, and in that the securing device is arranged to allow, in said first state, a relative angular movement of the second part with reference to the first part by rotation about said axis.